

SUBSTITUTE DECLARATION AND POWER OF ATTORNEY FOR U.S. PATENT  
APPLICATIONS

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,  
and

I believe I am an original, first and joint inventor of the subject matter which is claimed  
and for which a patent is sought on the invention entitled

Method for Protecting Plants

the specification of which was filed on December 23, 1997 as U.S. Application No. 08/996,685.

I hereby state that I have reviewed and understand the contents of the above identified  
specification, including the claims.

I acknowledge my duty to disclose all information which is known by me to be material  
to the patentability of this application as defined in 37 C.F.R. §1.56.

I hereby claim the benefit under 35 U.S.C. §119(a)-(d) or §365(b) of any foreign  
application(s) for patent or inventor's certificate listed below and under 35 U.S.C. §365(a) of any  
PCT international application(s) designating at least one country other than the United States  
listed below and have also listed below any foreign application(s) for patent or inventor's  
certificate or any PCT international application(s) designating at least one country other than  
the United States for the same subject matter and having a filing date before that of the  
application the priority of which is claimed for that subject matter:

<u>Country, Region or PCT</u>	<u>Application No.</u>	<u>Filing Date</u>	<u>Priority Claimed</u>
Switzerland	CH 179/95	January 23, 1995	Yes
Switzerland	CH 1910/95	June 29, 1995	Yes
Switzerland	CH 3495/95	December 11, 1995	Yes

I hereby claim the benefit under 35 USC §119(e) of any United States provisional application(s) listed below:

<u>Application No.</u>	<u>Filing Date</u>
60/034,378	December 27, 1996
60/034,379	December 27, 1996
60/034,382	December 27, 1996
60/034,730	January 10, 1997
60/035,021	January 10, 1997
60/035,022	January 10, 1997
60/035,024	January 10, 1997

I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s) listed below and under 35 U.S.C. §365(c) of any PCT international application(s) designating the United States listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in said prior application(s) in the manner required by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose all information known by me to be material to patentability as defined in 37 C.F.R. §1.56 which became available between the filing date(s) of the prior application(s) and the national or PCT international filing date of this application:

<u>United States Application No.</u>	<u>United States Filing or §371 Date</u>	<u>Status or U.S. Patent No.</u>	<u>International Application No.</u>	<u>International Filing Date</u>
--	--	--	PCT/EP96/00096	January 11, 1996
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08/761,543	December 6, 1996	Pending	--	--
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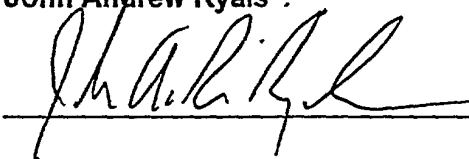
I hereby appoint the attorneys and agents associated with Customer No. 001095, respectively and individually, as my attorneys and agents, with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Please address all communications to:

J. Timothy Meigs  
Novartis Corporation  
Patent and Trademark Dept.  
3054 Cornwallis Road  
Research Triangle Park, NC 27709-2257.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. §1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

FIRST JOINT INVENTOR:

Full name : John Andrew Ryals  
Signature :   
Date : 18 August 1997  
(MM/DD/YY)  
Citizenship : United States of America  
Residence : 303 Brittany Place  
Cary, North Carolina 27511

SECOND JOINT INVENTOR:

Full name : **Leslie Bethards Friedrich**

Signature : \_\_\_\_\_

Date : \_\_\_\_\_  
(MM/DD/YY)

Citizenship : **United States of America**

Residence : **4208 Wyckford Place  
Apex, North Carolina 27502**

THIRD JOINT INVENTOR:

Full name : **Scott Joseph Uknes**

Signature :  \_\_\_\_\_

Date : **8 / 18 / 99**  
(MM/DD/YY)

Citizenship : **United States of America**

Residence : **1003 Pinedale Drive  
Apex, North Carolina 27502**

FOURTH JOINT INVENTOR:

Full name : **Antonio Molina-Fernandez**

Signature : \_\_\_\_\_

Date : \_\_\_\_\_  
(MM/DD/YY)

Citizenship : **Spain**

Residence : **Gran Via, 18-10  
Blanca (Murcia) 30540  
Spain**

**FIFTH JOINT INVENTOR:**

Full name : **Wilhelm Ruess**

Signature : \_\_\_\_\_

Date : \_\_\_\_\_  
(MM/DD/YY)

Citizenship : Switzerland

Residence : Burgweg 4  
Pfeffingen, CH 4148  
Switzerland

**SIXTH JOINT INVENTOR:**

Full name : **Gertrude Knauf-Beiter**

Signature : \_\_\_\_\_

Date : \_\_\_\_\_  
(MM/DD/YY)

Citizenship : Germany

Residence : Fritz-Fischerstrasse 12  
Mullheim D-79379  
Germany

**SEVENTH JOINT INVENTOR:**

Full name : **Ruth Beatrice Kung**

Signature : \_\_\_\_\_

Date : \_\_\_\_\_  
(MM/DD/YY)

Citizenship : Switzerland

Residence : Steinbühlweg 72  
Allschwil, CH 4123  
Switzerland

**EIGHTH JOINT INVENTOR:**

Full name : **Helmut Kessmann**

Signature : \_\_\_\_\_

Date : \_\_\_\_\_  
(MM/DD/YY)

Citizenship : Germany

Residence : Gewerbestrasse 16  
Allschwil, CH 4123  
Switzerland

**NINTH JOINT INVENTOR:**

Full name : **Michael Oostendorp**

Signature : \_\_\_\_\_

Date : \_\_\_\_\_  
(MM/DD/YY)

Citizenship : Germany

Residence : Uhlang 7  
Rheinfelden D-79618  
Germany

TENTH JOINT INVENTOR:

Full name : Kay Ann Lawton

Signature : \_\_\_\_\_

Date : \_\_\_\_\_  
(MM/DD/YY)

Citizenship : USA

Residence : 8016 Crooked Chute Court  
Raleigh, NC 27612  
USA

IMPORTANT: Before this declaration is signed, the patent application (the specification, the claims and this declaration) must be read and understood by each person signing it, and no changes may be made in the application after this declaration has been signed.

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FIRST JOINT INVENTOR:

Full name : John Andrew Ryals

Signature : \_\_\_\_\_

Date : \_\_\_\_\_  
(MM/DD/YY)

Citizenship : United States of America

Residence : 303 Brittany Place  
Cary, North Carolina 27511

## SECOND JOINT INVENTOR:

Full name : **Leslie Bethards Friedrich**

Signature : Leslie Bethards Friedrich

Date : August 17, 1999  
(MM/DD/YY)

Citizenship : United States of America

Residence : 4208 Wyckford Place  
Apex, North Carolina 27502

## THIRD JOINT INVENTOR:

Full name : **Scott Joseph Uknes**

Signature : \_\_\_\_\_

Date : \_\_\_\_\_  
(MM/DD/YY)

Citizenship : United States of America

Residence : 1003 Pinedale Drive  
Apex, North Carolina 27502

## FOURTH JOINT INVENTOR:

Full name : **Antonio Molina-Fernandez**

Signature : \_\_\_\_\_

Date : \_\_\_\_\_  
(MM/DD/YY)

Citizenship : Spain

Residence : Gran Via, 18-10  
Blanca (Murcia) 30540  
Spain

FIFTH JOINT INVENTOR:

Full name : **Wilhelm Ruess**

Signature : \_\_\_\_\_

Date : \_\_\_\_\_  
(MM/DD/YY)

Citizenship : **Switzerland**

Residence : **Burgweg 4  
Pfeffingen, CH 4148  
Switzerland**

SIXTH JOINT INVENTOR:

Full name : **Gertrude Knauf-Beiter**

Signature : \_\_\_\_\_

Date : \_\_\_\_\_  
(MM/DD/YY)

Citizenship : **Germany**

Residence : **Fritz-Fischerstrasse 12  
Mullheim D-79379  
Germany**

SEVENTH JOINT INVENTOR:

Full name : Ruth Beatrice Kung

Signature : \_\_\_\_\_

Date : \_\_\_\_\_  
(MM/DD/YY)

Citizenship : Switzerland

Residence : Steinbühlweg 72  
Allschwil, CH 4123  
Switzerland

EIGHTH JOINT INVENTOR:

Full name : Helmut Kessmann

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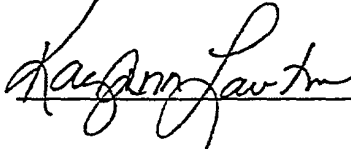
Citizenship : Germany

Residence : Uhlang 7  
Rheinfelden D-79618  
Germany

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Full name : Kay Ann Lawton

Signature :



Date :

08.17.99

(MM/DD/YY)

Citizenship : USA

Residence : 8016 Crooked Chute Court  
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USA

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Patent 5,243,441

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Full name : **John Andrew Ryals**

Signature :

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Date :

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(MM/DD/YY)

Citizenship : **United States of America**

Residence : **303 Brittany Place  
Cary, North Carolina 27511**

SECOND JOINT INVENTOR:

Full name : **Leslie Bethards Friedrich**

Signature :

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Date :

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(MM/DD/YY)

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Signature :

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Date :

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(MM/DD/YY)

Citizenship : United States of America

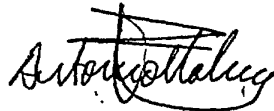
Residence : 1003 Pinedale Drive  
Apex, North Carolina 27502

FOURTH JOINT INVENTOR:

Full name : **Antonio Molina-Fernandez**

Signature :

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Date :

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26/09/1999

(MM/DD/YY)

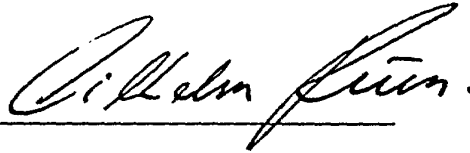
Citizenship : Spain

Residence : Gran Via, 18-10  
Blanca (Murcia) 30540  
Spain

FIFTH JOINT INVENTOR:

Full name : Wilhelm Ruess

Signature :



Date :

09/07/1999

(MM/DD/YY)

Citizenship : Switzerland

Residence : Burgweg 4  
Pfeffingen, CH 4148  
Switzerland

SIXTH JOINT INVENTOR:

Full name : Gertrude Knauf-Beiter

Signature :



Date :

10/09/1999

(MM/DD/YY)

Citizenship : Germany

Residence : Fritz-Fischerstrasse 12  
Mullheim D-79379  
Germany

10046338-134204

SEVENTH JOINT INVENTOR:

Full name : Ruth Beatrice K  ng

Signature : R. B. K  ng

Date : 9/2/99  
(MM/DD/YY)

Citizenship : Switzerland

Residence : Steinb  hlweg 72  
Allschwil, CH 4123  
Switzerland

EIGHTH JOINT INVENTOR:

Full name : Helmut Kessmann

Signature : H. Kessmann

Date : 8/25/99  
(MM/DD/YY)

Citizenship : Germany

Residence : Gewerbestrasse 16  
Allschwil, CH 4123  
Switzerland

NINTH JOINT INVENTOR:

Full name : Michael Oostendorp

Signature :

Michael Oostendorp

Date :

09/10/88

(MM/DD/YY)

Citizenship : Germany

Residence : Ulandweg 7  
Rheinfelden D-79618  
Germany

TENTH JOINT INVENTOR:

Full name : Kay Ann Lawton

Signature :

\_\_\_\_\_

Date :

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